

CLAIMS

1. A reflective film comprising a base layer made of a resin composition including an aliphatic polyester based resin as a main component, a metal thin film layer, and a protective layer in this order, wherein the base layer is arranged on the side of a surface used for reflection, and has voids therein with a ratio of the voids in the base layer being 50% or less, and wherein the film has an average reflectance of 90% or more in a wavelength region of 420 nm to 700 nm when irradiated with light from the side of the base layer.

2. The reflective film according to claim 1, further comprising an intermediate layer between the base layer and the metal thin film layer.

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3. The reflective film according to claim 1 or 2, further comprising an anchor coat layer between the base layer and the metal thin film layer.

20 4. The reflective film according to any one of claims 1 to 3, wherein the metal thin film layer is a film vapor-deposited with silver alone or with an alloy of silver and other metal, or a laminate having at least one layer selected from the group consisting of a silver vapor-deposited film and the vapor-deposited film of the above-mentioned alloy.

5. The reflective film according to any one of claims 1 to 4, wherein the aliphatic polyester based resin is a polylactic acid based resin.

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6. The reflective film according to any one of claims 1 to 5, wherein the resin composition constituting the base layer further contains fine powder filler.

10 7. The reflective film according to any one of claims 1 to 6, wherein the resin composition further contains a hydrolysis preventing agent.

8. The reflective film according to claim 6 or 7, wherein 15 the blending amount of aliphatic polyester based resin/fine powder filler is 90/10 to 40/60 by mass ratio.

9. The reflective film according to claim 7 or 8, wherein the blending amount of the hydrolysis preventing agent is 0.1 20 to 3.0 mass parts per 100 mass parts of the aliphatic polyester based resin.

10. The reflective film according to any one of claims 1 to 9, wherein the base layer is a film obtained by drawing a film 25 made of the resin composition at least monoaxially to an area

ratio of 5 times or more.

11. A reflective plate for a liquid crystal display device,
wherein the reflective plate for a liquid crystal display device
5 comprises the reflective film according to any one of claims
1 to 10.